

**SAFETY DATA SHEET****PRONAIL NON-ACETONE NAIL POLISH REMOVER****Product Number: FS-00103****Revised: 9/15/2015****1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Chemco Corporation  
4920 NW 165<sup>th</sup> Street  
Miami, FL, 33014  
Telephone: 305-623-4445  
Emergency Telephone: 1-800-535-5053  
International Telephone: 1-352-323-3500

Product Name: PRONAIL NON-ACETONE NAIL POLISH REMOVER

**2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance: Pink liquid with a fruity odor.



DANGER!! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE RESPIRATORY TRACT IRRITATION. AVOID PROLONGED DIRECT INHALATION, MAY BE HARMFUL. MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE DRY SKIN AND CAUSE IRRITATION AND BURNS.

**Potential Health Effects****Exposure Routes**

Inhalation, skin absorption, skin contact, eye contact, ingestion

**Eye Contact**

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

**Skin Contact**

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of the skin and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

**Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amount may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injuries.

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Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see section 8).

**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material; Skin, lung (for example, asthma-like conditions), blood forming system.

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, high blood sugar, coma.

**Target Organs**

This material (or a component) shortens the time of onset or worsens the liver and kidney damage induced by chemicals.

**Carcinogenicity**

Based on available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer (IRAC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Description (Raw Material Name)	CAS Number	OSHA PEL	ACGIH TLV (TWA)	OTHER LIMITS RECOMMENDED
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm	-
Ethyl Acetate	141-78-6	400 ppm	400 ppm	-

**4. FIRST AID MEASURES****Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek medical attention immediately.

**Skin**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothes before reuse.

**Ingestion**

Do not induce vomiting. If the material is swallowed, seek medical attention immediately.

**Inhalation**

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If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Notes to Physician**

HAZARDS: This material is an aspiration hazard, Potential danger from aspiration must be weighed against possible oral toxicity (see section 2- swallowing) when deciding whether to induce vomiting. This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion.

**5. FIRE-FIGHTING MEASURES****Flash Point:** 32°F

Method Used: Tag Closed Cup

Lower Flammable Limit: 2.6 (volume % in air)

Upper Flammable Limit: 12.8 (volume % in air)

Auto ignition: (Ethyl Alcohol) 363°C

Auto ignition: (Ethyl Acetate) 426.67

**Suitable extinguishing media**Dry chemical powder, Carbon dioxide (CO<sub>2</sub>), Alcohol resistant foam**Unsuitable extinguishing media:**

Water may be ineffective because of the low flash point of ethyl acetate.

**Hazardous combustion products**

Carbon dioxide and carbon monoxide

**Precautions for fire-fighting**

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition source at locations near the material handling point. Never use welding or cutting torch on or near material. Wear full firefighting turnout gear (full Bunker gear), and respiratory protection (SCBA). Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out.

**NFPA Flammable and Combustible Liquids Classification**

Flammable liquid class IB

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

For personal protection see section 8. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from the area of spill until clean-up has been completed.

**Environmental Precautions**

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

**Methods for cleaning up**

Absorb liquid with a floor absorbent or any other absorbent material.



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**7. HANDLING AND STORAGE**

**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapors liquids, and or/solids), all hazard precautions given the data sheet must be observed. Use proper grounding during product transfer as described in NFPA77. Do not store near high heat or open flames

**Storage**

Keep container closed when not in use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Ethyl Alcohol			64-17-5
ACGIH	time weighted average	1,000ppm	
OSHA	time weighted average	1,000ppm	
OSHA	time weighted average	1,900 mg/m3	
Ethyl Acetate			141-78-6
ACGIH	time weighted average	400ppm	
OSHA	time weighted average	400ppm	

**General Advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

**Exposure Control**

Provide sufficient ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

**Eye protection**

None needed under normal use.

**Skin and body protection**

None needed under normal use.

**Respiratory Protection**

None needed under normal use.

**General Hygiene Considerations:** Wash skin after use.

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Physical State	Liquid
Form	No Data
Colour	Clear Pink
Odour	Fruity
Boiling point/boiling range	(Ethyl Acetate) 77.11°C
Melting point/range	(Ethyl Acetate) -83.6°C
pH	6.0-8.5
Flash point	32°F
Evaporation rate	Not Available
Vapour pressure	(Ethyl Acetate) 69.176 mmHg @ 18.7°C
Vapour density	(Ethyl Acetate) 3.04 (AIR=1)
Liquid density	0.9 g/cm <sup>3</sup> @18.7° C
Solubility	soluble in water
Specific gravity:	0.893-0.933 @ 25°C
Octanol/water partition coefficient (Kow):	(Ethyl Acetate): -0.6
Log Pow	-0.24
Auto ignition temperature	(Ethyl Acetate) 426.67°C

**10. STABILITY AND REACTIVITY****Stability**

Stable under normal ambient temperature 70°C (21°C)

**Conditions to avoid**

Heat, flames and sparks

**Incompatible products**

Avoid contact with: Acids, alkalis, strong bases, strong oxidizing agents

**Hazardous decomposition products**

Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

**Hazardous Reactions**

Hazardous polymerization will not occur

**11. TOXICOLOGICAL INFORMATION****Acute Effects****A: General Product information**

Product contains ethyl alcohol and ethyl acetate. No expected to cause irritation when used in accordance to label.

**B: Component Analysis LD50**

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Ethyl Alcohol (64-17-5)  
Acute oral toxicity : LD 50 Rat: 7,060 mg/kg

Ethyl Acetate (141-78-6)  
Acute oral toxicity : LD 50 Rat: 5,620 mg/kg

Acute dermal toxicity : LD 50 Rabbit: >18000 mg/kg ppm  
Acute dermal toxicity : LD 50 Rabbit: >20 mL/kg

**Chronic Effects:****Component**

Ethyl Acetate (141-78-6)  
**Carcinogenicity:** ACGIH A4 – Not Classifiable as a Human Carcinogen

**Neurotoxicity:** this product contains ethyl acetate, a central nervous system target.

**Mutagenicity:** No information available

**Reproductive:** No information available

**Developmental:** Ethyl alcohol is a developmental toxin when consumes during pregnancy.

**Target Organs:** Ethyl acetate can target the respiratory system, skin and eyes.

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

Ethyl Alcohol  
Toxicity to fish : 96 h LC 50 Oncorhynchus myKiss: 12,900 mg/l  
Method: Flow-through (30 days old)  
: 96 h LC 50 Pimephales promelas: 14.2 mg/l  
: 5 min EC 50 Photobacterium phosphorem: 35,470mg/l  
: 30 min EC 50 Photobacterium phosphorem: 34,634mg/l  
: 48 h EC 50 Daphnia magna: 9,268 mg/l  
: 24 h EC 50 Daphnia magna: 10,800 mg/l

Ethyl Acetate  
: 48 h EC 50 Scenedesmus Subspicatus 3,300 mg/l  
: 96 h LC 50 Pimephales promelas: 230 mg/l  
Method: Flow-through  
: 96 h LC 50 Oncorhynchus myKiss: 484 mg/l  
Method: Flow-through  
: 5 min EC 50 Photobacterium phosphorem: 1,180 mg/l  
: 15 min EC 50 Photobacterium phosphorem: 5,870 mg/l  
: 2 h EC 50 Pseudomonas flourescens: 7,400 mg/l  
: 15 min EC 50 Pseudomonas flourescens: 1,500 mg/l  
: 48 h EC 50 Daphnia magna: 717 mg/l



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**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods**

Dispose of in accordance with all applicable local, state and federal regulations.

**14. TRANSPORT INFORMATION**

Shipping Name: Consumer Commodity ORM-D

Proper Shipping name for Non-Consumer Commodity: Flammable liquids n.o.s, 3, UN1993, PGII

**15. REGULATORY INFORMATION**

Shipped as either a consumer commodity or as a limited quantity of a PG II material if inner package is less than or equal to 32 oz. There is no requirement for the outer package to bear a hazard class label (unless this consumer commodity material will be shipped by air, in which case, the outer package would have to be labeled for the hazard class). Additionally, 173.150(c) indicates that the outer package is not required to meet the specification packaging requirements.

The 30 kg (66 pounds) gross weight limitation that normally applies to limited quantities does not apply to materials classified as ORM-D when these materials are offered for transportation or transported by highway or rail between a manufacturer, a distribution center, and a retail outlet.

Ethyl alcohol and Ethyl acetate, components of this product are on the TSCA inventory.

**California Prop. 65**

WARNING!! This product contains ethyl alcohol a developmental toxicity when in alcoholic beverages.

The following components appear on one or more of the following states hazardous substance lists:

Component	CAS#	CA	MA	MN	NJ	PA
Ethyl Acetate	141-78-6	Yes	Yes	Yes	Yes	Yes
Ethyl Alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes

**16. OTHER INFORMATION**

CHEMCO CORP. believes that the information contained in this M.S.D.S. is correct as of this date. However, because the material may be used under conditions which CHEMCO CORP. has no control of or in ways we cannot anticipate, we give no warranty, expressed or implied, as to accuracy of the information and assume no responsibility for any damage to person, property or business arising from such use. Moreover, it is the responsibility of the purchaser or user of this material to ensure that is properly and safely used.